

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)			ATTORNEY DOCKET NO.: 0641 APPLICANT: Reilly FILING DATE: Concurrently			SERIAL NO. Unassigned GROUP: Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW		5,876,684	03/02/99	Withers, et al.			
FOREIGN PATENT DOCUMENTS							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
SW	AB	Kroto et.al, "C60: Buckminsterfullerene", Nature, Vol 318, 162-163 (1985).					
	AC	Kroto et.al, "The formation of quasi-icosahedral spiral shell carbon particles", Nature, Vol 331 328-331 (1988).					
	AD	Taylor et.al, "Formationn of C ₆₀ by pyrolysis of naphthalene", Nature, Vol 336 728-731 (1993).					
	AE	Ebbesen et.al, "Large Scale synthesis of carbon nanotubes", Nature, Vol 358 220-222 (1992).					
	AF	Shatishkumar et.al, "Single Walled nanotubes by the pyrolysis of acetylene-organometallic mixtures", Chemical Physics Letters, Vol 293 47-52 (1998).					
	AG	Gerhardt et.al, "Polyhedral Carbon Ions in Hydrocarbon Flames", Chemical Physics Letters, Vol 137 306-310 (1987).					
	AH	Pope et.al, "Chemistry of Fullerenes C ₆₀ and C ₇₀ Formation in Flames" J. Phys. Chem., Vol 97, 11001-11013, (1993).					
	AI	Howard et.al, "Fullerenes C ₆₀ and C ₇₀ in flames", Nature, Vol 352, 139-141 (1991).					
	AJ	McKinnon et.al, "Combustion Synthesis of Fullerenes", Combustion and Flame, 102-112 (1992).					
	AK	Dobbins et.al, "Carbonization Rate of Soot Precursor Particles" Combustion Sci. Tech., Vol 121, 103-121, (1996).					
	AL	Sander et.al, "Polycyclic Aromatic Hydrocarbon Structure Index", NIST Special Publication 922, available at http://ois.nist.gov/pah/alpha.htm					
✓	AM	Dobbins et.al, "The Evolution of Soot Precursor Particles in a Diffusion Flame", COMBUSTION AND FLAME 115:285-298, (1998).					

SW	AN	Weilmunster et.al, "Large Molecules, Radicals, Ions, and Small Soot Particles in Fuel-Rich Hydrocarbon Flames Part I: Positive Ions of Polycyclic Aromatic Hydrocarbons (PAH) in Low-Pressure Premixed Flames of Acetylene and Oxygen", COMBUSTION AND FLAME 116: 62-83, (1999).
	AO	Baum et.al, "Fullerene Ions and Their Relation to PAH and Soot in Low-pressure Hydrocarbon Flames", Ber. Bunsenges. Phys. Chem. 96, 841-857, (1992).
	AP	Srivastava, "Fullerenes, Synthesis Separation, Characterization, Reaction Chemistry, and Applications-A Review", Energy Sources Vol 17, 615-640 (1995).
	AQ	Ahrens et.al., "Fullerenes and their ions in hydrocarbon flames", Int. J. Mass Spectrom. Ion Processes, Vol 138, pg 133-148, 1994.
	AR	Frenklach et.al., "Comment on the Proposed ...", J. Phys. Chem., Vol 92, pg 561-563, 1988.
	AS	Smalley, "Self-Assembly of Fullerenes", Acc. Chem. Res., Vol 25, pg 98-105, 1992.
	AT	Gieray et.al. "Tandem Mass Spectrometry of Uranium and Uranium Oxides in Airborne Particulates", Anal. Chem., Vol 70, pg 117-120, 1998
	AU	Reilly et.al., "Real-Time Characterization of the Organic Composition and Size of Individual Diesel Engine Smoke Particles", Environ. Sci. Technol., Vol 32, pg 2672-2679, 1998
	AV	Gieray et.al., "Real-time Detection of Individual Airborne Bacteria" J. Microbiological Methods, Vol 29, 191-199, 1997
	AW	Reilly et.al., "Tandem Mass Spectroscopy of Individual Airborne Microparticles" Anal. Chem., Vol 69, pg 36-39, 1997
	AX	Prather et.al., "Real-time Characterization of Individual Aerosol Particles Using Time of Flight Mass Spectroscopy" Anal. Chem., Vol. 66, 1403-1407, 1994
EXAMINER: <u>Ben Harrison</u> DATE CONSIDERED: <u>2/16/01</u>		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		